

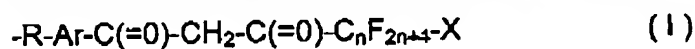
IN THE SPECIFICATION

Please replace the Abstract paragraph on page 80 with the following:

A method for detecting a cytokine in a biological fluid sample with a high sensitivity is provided. A time-resolved fluoroimmunoassay (TR-FIA) method including a step of forming on a solid phase a composite in which a cytokine is captured and which includes a fluorescent structural portion which has been complexed with a lanthanoid metal ion, and measuring fluorescence of the fluorescent structural portion. The composite is formed of a structure in which (a) a first antibody including a portion bound to a solid phase and a region bindable to a cytokine; (b) the cytokine; (c) a second antibody including a region bindable to the cytokine and a portion to which biotin is bound; (d) a conjugate including streptoavidin or avidin and a fluorescent structural portion capable of being complexed with a lanthanoid metal ion; and (e) the lanthanoid metal ion are bound. The fluorescent structural portion is represented by General Formula (I): $R-Ar-C(=O)-CH_2-C(=O)-C_nF_{2n}-X$.

Please replace the paragraph beginning on page 5, line 24 with the following:

wherein the fluorescent structural portion is represented by General Formula (I):

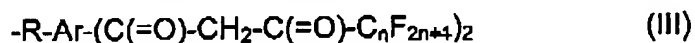


(where R is a residue which is a functional group capable of forming a covalent bond with a protein; Ar is a hydrocarbon group having a conjugated double bond system; n is an integer equal to or greater than 1; and X is a fluorine atom or a group represented by General Formula (II):



Please replace the paragraph beginning on page 6, line 17 with the following:

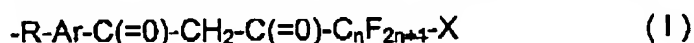
In one embodiment of the present invention, the fluorescent structural portion may be represented by General Formula (III):



(where R, Ar, and n have the same definitions as above).

Please replace the paragraph beginning on page 10, line 12 with the following:

wherein the fluorescent structural portion is represented by General Formula (I):

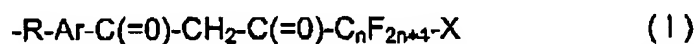


(where R is a residue which is a functional group capable of forming a covalent bond with a protein; Ar is a hydrocarbon group having a conjugated double bond system; n is an integer equal to or greater than 1; and X is a fluorine atom or a group represented by General Formula (II):



Please replace the paragraph beginning on page 30, line 4 with the following:

The fluorescent structural portion of the conjugate of component (d) that is capable of being complexed with a lanthanoid metal ion is a partial structure which be obtained by allowing a corresponding fluorescent compound to react so as to be directly or indirectly linked via a covalent bond with streptoavidin or avidin. The fluorescent structural portion is represented by General Formula (I) below:



(in the formula, R represents a residue which is a functional group capable of forming a covalent bond with a protein; Ar represents a hydrocarbon group having a conjugated double bond system; n is an integer equal to or greater than 1; and X is a fluorine atom or a group represented by General Formula (II):



Please replace the paragraph beginning on page 33, line 9 with the following:

Preferably, the hydrocarbon group Ar is trivalent, and the fluorescent structural portion is represented by General Formula (III):

